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PATENT APPLICATION
10/660,133

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Lassoie et al.
Serial No.: 10/660,133
Date Filed: September 11, 2003
Group Art Unit: 3672
Examiner: Jennifer Hawkins Gay
Title: **Bore Hole Opener**

Mail Stop Amendment
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this Information Disclosure Statement is being deposited with the United States Postal Service as Express Mail No. **EV351290781US** addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Willie Jiles
Willie Jiles

8-25-04

Date

EV351290781US

Dear Sir or Madam:

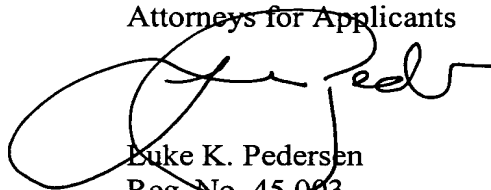
INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. Since the present Application was filed after June 30, 2003, a copy of any U.S. Patent and any U.S. Patent Application Publication cited on the attached PTO Form 1449 is not being submitted with this Information Disclosure Statement pursuant to the July 11, 2003 waiver of 37 C.F.R. §1.98(A)(2)(i) by the U.S. Patent and Trademark Office. Furthermore, pursuant to 37 C.F.R. §§1.97(g) and (h), no representation is made that these references are material to the patentability of the present application.

Applicants believe no fees are due; however, the Commissioner is hereby authorized to charge any fees to Deposit Account No. 50-2148 of Baker Botts L.L.P. in order to effectuate this filing.

Respectfully submitted,

BAKER BOTTS L.L.P.
Attorneys for Applicants



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PTO-1449		Application No. 10/660,133		Applicant(s) Lassoie et al.	
Information Disclosure Citation In an Application		Docket Number 074263.0180		Group Art Unit 3672	
		Filing Date September 11, 2003			

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	336,187	02/16/1886	Wells			04/10/1883
	B	1,411,484	04/04/1922	J.P. Fullilove			06/22/20
	C	1,485,642	03/04/1924	F. Stone			04/1/1922
	D	1,607,662	11/23/1926	A. Boynton			07/20/25
	E	1,631,449	06/07/1927	Alford			12/06/26
	F	1671474	05/29/1928	Jones	175	269	11/7/23
	G	1,686,403	10/02/1928	A. Boynton			05/13/25
	H	1,772,710	08/12/1930	Denney			06/01/28
	I	1,804,850	05/12/1931	J.B. Triplett			10/18/26
	J	1,878,260	09/20/1932	Bunker			02/12/29
	K	2,060,352	11/10/1936	J.C. Stokes	255	75	06/20/36
	L	2,169,502	08/15/1939	J.J. Santiago	255	76	02/28/38
	M	2,239,996	04/29/1941	J.F. Chappell	255	74	05/25/36

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	N	569,203	04/09/1924	FR				X
	O	0295150	08/09/1928	GB			X	
	P	540,027	10/02/1941	GB			X	
	Q	1586163	03/18/1981	GB	E21B	10/26	X	
	R	0086701	08/24/1983	EP	E21B	10/32		X
	S	2 180 570 A	04/01/1987	GB	E21B	10/34	X	

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	T	Notification of Transmittal of International Search Report corresponding to International Application. No. PCT/BE02/00031	Mailed 5/7/02
	U	UK Search Report for Great Britain Patent Application No.: GB 0323195.8 from Examiner Bob Crowshaw (1 page)	12-11-03

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

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U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	2,271,472	01/27/1942	Balduf	72	115	01/23/39
	B.	2,427,052	09/09/1947	J. Grant	255	74	06/17/44
	C.	2,438,673	03/30/1948	McMahan	166	18	02/20/45
	D.	2499916	03/7/1950	Harris	175	267	5/27/46
	E.	2,754,089	07/10/1956	A.W. Kammerer, Jr.	255	76	02/08/54
	F.	2,758,819	08/14/1956	Kammerer, Jr.	255	76	08/25/54
	G.	2,809,015	10/08/1957	J.T. Phipps	255	75	03/29/54
	H.	2,822,150	02/04/1958	J.F. Muse et al.	255	76	04/18/55
	I.	2834578	05/13/1958	Carr	175	237	9/12/55
	J.	2,872,160	02/03/1959	C.H. Barg	255	76	05/14/56
	K.	2882019	4/15/1959	Carr et al.	175	237	10/19/56
	L.	3,180,436	04/27/1965	J.M. Kellner et al.	175	57	05/01/61
	M.	3,224,507	12/21/1965	Cordary et al.	166	55.8	09/07/62
	N.	3,351,144	11/07/1967	R.O. Park	175	269	04/05/65
	O.	3,365,010	01/23/1968	Howell et al.	175	286	01/24/66
	P.	3,425,500	02/04/1969	Fuchs	175	269	11/25/66
	Q.	3,433,313	03/18/1969	Brown	175	270	05/10/66

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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	R.	0 301 890	02/01/1989	EP	E 21 B	10/32	X	
	S.	0577545 A1	3/2/1993	EP	E21B	10/32		X
	T.	0 568 292 A1	11/03/1993	EP	E21B	37/02	X	
	U.	02/072994 A1	09/19/2002	WO	E21B	10/32		X

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	Docket Number 074263.0180	Group Art Unit 3672	Filing Date September 11, 2003	

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	3,556,233	01/19/1971	Gilreath et al.	175	267	10/04/68
	B.	3,749,184	07/31/1973	Andeen	175	18	06/15/72
	C.	3,974,886	08/17/1976	Blake, Jr.	175	76	02/27/75
	D.	4,055,226	10/25/1977	Weber	175	273	10/27/76
	E.	4,081,042	3/28/1978	Johnson et al.	175	267	7/8/76
	F.	4,141,421	02/27/1979	Gardner	175	263	08/17/77
	G.	4,177,866	12/11/1979	Mitchell	175	53	05/30/78
	H.	4,186,810	02/05/1980	Allan	175	96	06/05/77
	I.	4,458,761	07/10/1984	Van Vreeswyk	166	289	09/09/82
	J.	4,503,919	03/12/1985	Suied	175	269	02/11/83
	K.	4,589,504	05/20/1986	Simpson	175	267	07/27/84
	L.	4,660,657	04/28/1987	Furse et al	175	269	10/21/85
	M.	4,821,817	04/18/1989	Cendre et al.	175	269	01/03/86
	N.	4,889,197	12/26/1989	Bøe	175	267	06/28/88
	O.	4,915,181	04/10/1990	Labrosse	175	263	10/24/88
	P.	5,036,921	08/06/1991	Pittard et al.	166	298	06/28/90
	Q.	5,060,738	10/29/1991	Pittard et al.	175	267	09/20/90
	R.	5,086,852	02/11/1992	Van Buskirk	175	269	08/27/90
	S.	5,139,098	08/18/1992	Blake	175	269	09/26/1991

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	A.	5,255,741	10/26/1993	Alexander	166	278	12/11/91
	B.	5,265,684	11/30/1993	Rosenhauch	175	61	11/27/91
	C.	5,271,472	12/21/1993	Leturno	175	107	10/14/92
	D.	5,318,137	06/07/1994	Johnson et al.	175	40	10/23/92
	E.	5,318,138	06/07/1994	Dewey et al.	175	74	10/23/92
	F.	5,332,048	07/26/1994	Underwood et al.	175	26	10/23/92
	G.	5,348,095	09/20/1994	Worrall et al.	166	380	06/07/93
	H.	5,560,440	10/01/1996	Tibbitts	175	384	11/07/94
	I.	5,590,724	01/07/1997	Verdgikovsky	175	57	06/08/94
	J.	5,655,609	08/12/1997	Brown et al.	175	76	01/16/96
	K.	5,957,222	09/28/1999	Webb et al.	175	45	06/08/98
	L.	5,957,226	09/28/1999	Holte	175	320	01/21/98
	M.	6,070,677	06/06/2000	Johnston, Jr.	175	57	12/02/97
	N.	6,131,675	10/17/2000	Anderson	175	268	09/08/98
	O.	6,209,665	04/03/2001	Holte	175	273	07/24/98
	P.	6,244,664	06/12/2001	Ebner et al.	299	80.1	01/28/98
	Q.	6,269,893	08/07/2001	Beaton et al.	175	391	06/30/99
	R.	6,289,999	09/18/2001	Dewey et al.	175	38	10/30/98

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	6,378,632	04/30/2002	Dewey et al.	175	269	10/28/99
	B.	6,419,025	07/16/2002	Lohbeck et al.	166	380	04/09/99
	C.	6,464,024	10/15/2002	Beaton et al.	175	391	05/16/01
	D.	2003/0079913 A1	05/01/2003	Eppink et al.	175	61	11/26/02
	E.						
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